Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1.   (currently amended) Method for analyzing an abnormal region on an optical recording medium, including the steps of:

- detecting ~~(21)~~ the abnormal region;

- determining ~~(23, 31)~~ the type of the abnormal region; and

- measuring ~~(24, 32)~~ the ~~length~~ radial extension of the abnormal region perpendicular to a track direction,

~~characterized in that~~ wherein the step of determining ~~(23, 31)~~ the type of the abnormal region includes:

- making a speed controlled jump ~~(22)~~ over the abnormal region;

- obtaining information on the type of abnormal region during the speed controlled jump ~~(22)~~.

2.   (currently amended) Method according to claim 1, wherein the step of determining ~~(23, 31)~~ the type of the abnormal region further includes:

- differentiating ~~(23)~~ between a first group of types and a second group of types of abnormal region based on the obtained information.

3.   (currently amended) Method according to claim 1, wherein the step of obtaining information on the type of abnormal region during the speed controlled jump ~~(22)~~ includes evaluating a data signal ~~(HF)~~ and/or a track crossing signal ~~(TC)~~ obtained from the optical recording medium.

4.   (currently amended) Method according to ~~one of claims 1 to 3~~ <u>claim 1</u>, wherein the step of measuring ~~(24, 32)~~ the ~~length~~ <u>radial extension</u> of the abnormal region includes one of:

- measuring ~~(244)~~ the time needed for jumping ~~(22)~~ over the abnormal region; and

- counting ~~(324)~~ a number of pulses emitted by a phase locked loop during jumping ~~(22)~~ over the abnormal region, the phase locked loop replicating a track crossing signal obtained before reaching the abnormal region in the jumping step ~~(22)~~.

5.   (currently amended) Method according to ~~one of claims 1 to 3~~ <u>claim 1</u>, further including the steps of:

- jumping back ~~(30)~~ to the start of the abnormal region;

- reading ~~(30)~~ data stored in the abnormal region; and

- evaluating ~~(31)~~ the data for determining the type of abnormal region.

6.   (currently amended) Method according to claim 5, wherein the step of evaluating ~~(31)~~ the data for determining the type of abnormal region includes at least one of:

- evaluating a sync signal included in the data; and

- evaluating the data frequency in the abnormal region.

7.   (currently amended) Method according to claim 5 ~~or 6~~, **wherein** the step of measuring ~~(24, 32)~~ the ~~length~~ <u>radial extension</u> of the abnormal region includes counting the number of wrong syncs in the abnormal region.

8.   (currently amended) Method according to ~~one of claims 1 to 7~~ <u>claim 1</u>, further including the step of storing the position, the ~~length~~ <u>radial extension</u> and/or the type of the abnormal region on the optical recording medium.

9.   (currently amended) Method according to ~~anyone of claims 1 to 8~~ <u>claim 1</u>, wherein the types of abnormal region include at least one of a groove region, a mirror region, a defect region, a wrong bitrate region and a wrong structure region.

10.   (currently amended) Device for analyzing an abnormal region on an optical recording medium, ~~characterized in that~~ <u>wherein</u> it ~~performs~~ <u>has means for performing</u> a method according to ~~one of claim 1 to 10~~ <u>claim 1</u>.

11.   (currently amended) Apparatus for reading from and/or writing to optical recording media, ~~characterized in that~~ <u>wherein</u> it ~~performs~~ <u>has means for performing</u> a method according to ~~one of claims 1 to 9 or includes a device according to claim 10~~ <u>claim 1</u> for analyzing an abnormal region on an optical recording medium.